In the claims:

Please cancel claims 3, 4, 6, and 11. The claims are presented below.

1. A process of treating wood with a preservative comprising:

providing a wood substrate;

applying to the wood substrate an aqueous solution comprising about 0.5% to about 50% of an iodic acid, a periodic acid, or a combination thereof;

about 0. 05% to about 10% of a fluorinated surfactant with a perfluorinated chain; and,

optionally, an effective stabilizing amount of an ethoxylated nonylphenol ; wherein said aqueous solution reacts with the wood substrate to form an insoluble iodine matrix within the wood substrate, said iodine matrix providing a moisture resistant barrier imparting to the wood preservative properties against termites and decay.

2. A preservative solution for cellulosic materials comprising:

an aqueous solution comprising about 0. 5% to about 50% of an iodic acid, a periodic acid, or a combination thereof;

about 0. 05% to about 10% of a fluorinated surfactant with a perfluorinated chain; and,

optionally, an effective stabilizing amount of an ethoxylated nonylphenol

3. Canceled

4. Canceled

5. The process according to claim 1 wherein said aqueous solution further comprises about 0. 5% to about 5. 0% of an iodic acid, a periodic acid, or a combination thereof.

6. Canceled

7. The process according to claim 1 where in said applying step is selected from the steps comprising spraying, brushing, rolling, dipping, pressurization, and combinations thereof.

8. The product according to the process of claim 1.

9. A decay resistant wood product comprising a wooden substrate, said substrate having found therein an iodine matrix formed by the reaction of a

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periodic acid containing an effective amount of a stabilizer selected from the group consisting of fluorinated surfactants having a perfluorinated chain, ethoxylated nonylphenols, and combinations thereof.

10. The wood product according to claim 9 wherein said effective amount of said stabilizer comprises at least about 0. 05% by weight.

11. Canceled

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